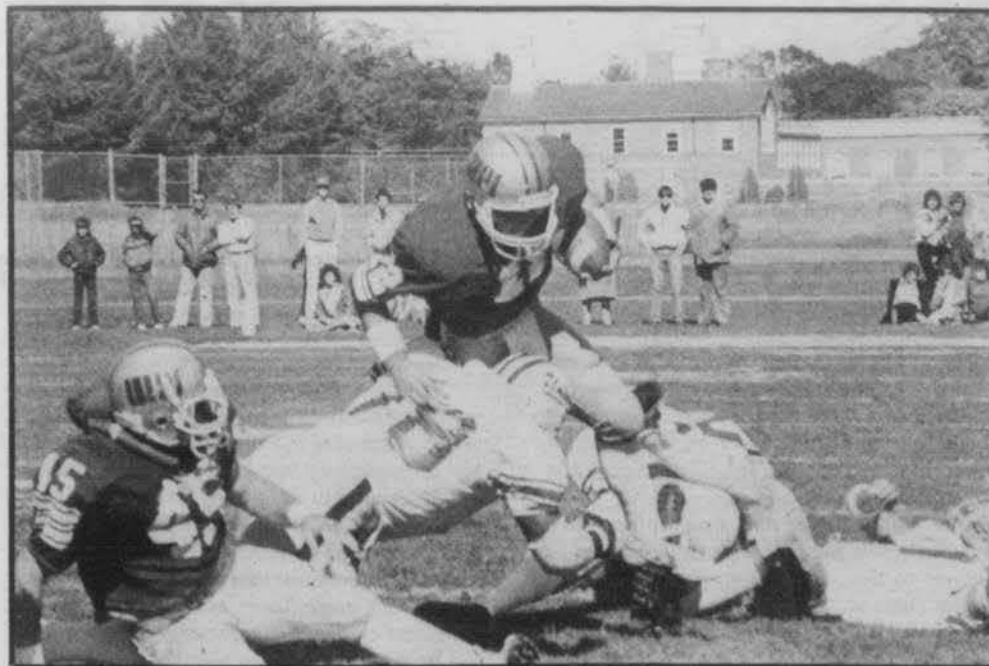


Union Ends the Streak

by Ned Corini
Newspeak Staff

Saturday, on a gorgeous day for football, the WPI Engineers hosted the Dutchmen of Union College and lost 20-0 before a huge crowd at Alumni Field. The Dutchmen justified their #2 ranking in the country by humbling the #13 ranked Engineers in almost every facet of the game. Though WPI had many new wrinkles, Union handled everything WPI could muster with the exception of Engineer All-American Tailback Mike Carbone. Carbone gained 106 yards, making it seven games in a row that he has rushed for 100 yards or more. But Union countered with its superb quarterback Dan Stewart, who threw for 229 yards. Carbone broke the WPI career record rushing 1670 yards while Stewart broke a NCAA All Division record throwing a touchdown pass in 23 straight games.

Stewart led off the scoring early in the second period with his record touchdown pass on an eight yard strike over the middle. Before the half, Stewart would strike again, on a 39 yard bomb beyond everybody on the WPI defense. Overall, the day belonged to



Scacciotti takes charge of the ball although a 20-0 loss.

Photo by: Jeff Winick.

Stewart, and in turn Union. Stewart had a great day, and so did Union. But give WPI's linebackers Bob Henderson and Nate Hanson credit; they held Union throughout the second half, with Union only scoring on two field goals. Union throughout the game controlled the line of scrimmage, enabling Union to do what they pleased. Henderson and Hanson had 32 tackles between them, but it was the lack of a pass rush that killed WPI; Stewart had all day to throw.

But WPI did not give up until the very end. The Engineers mounted a couple of long drives in the second half. The Hogs — the offensive line — opened up a few holes for Carbone, but no points came of anything. Quarterback John Scacciotti had to scramble, but when he did throw, his passes were right on target, to be either caught or dropped. Scacciotti tried to pick up all the pieces, but nobody was there to help him. Union was keying on Carbone all day, and although he still gained over 100 yards, the end result was zero on the score board.

WPI could have won this game, but inconsistency and lack of breaks hurt the

(continued on page 6)

WPI Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 12, Number 18

Wednesday, October 10, 1984



Clark Adopts Optional Pass/No Record Grading

by Jim Goodell
Newspeak Staff

During last year's uproar at WPI about the proposed grading policy changes, Clark University was also re-examining its grading policy.

Clark University had been under a system which included the No Record grade. Its Undergraduate Academic Board (UAB), made up of three students and five faculty members, made a recommendation on April 30 of this year that the grading policy be replaced with the traditional A-F system.

On September 20, the UAB voted unanimously to recall their recommendation and instead recommend a rather liberal alternative which it feels will eliminate the weak spots in its current system. The changes include the addition of a "withdrawal" grade and a "withdrawal with good reason" grade. This is a substitute for the "F" grade. It penalizes a student who gives up on a course by recording this decision on the transcript.

In the September 27 edition of the *Scarlet*, Clark's student newspaper, Assistant Editor Bradley Golden further described the recommended changes.

"In order to encourage experimentation outside of one's major, UAB also unanimously moved that all courses, except those offered only on the Credit/No Record system, be made available to students on a Pass/No Record or graded (A-F) basis, regardless of

perspective or individual departmental requirements. The choice will be left to the individual student."

Also built into the recommended system is the provision that even under the A-F system, the first two "F" grades be converted to No Record grades.

The problems that Clark University had noticed in their grading policy were similar to the problems cited by CAP (the Committees on Academic Policy) in recommending a change in WPI's grading policy. The No Record grade is believed by some to encourage a student to "punt" a course if he/she cannot attain the AD (or A) grade he/she was trying for and could afford to take the course over. The withdrawal grades recommended by Clark's Undergraduate Academic Board are designed to prevent this from happening.

A major consideration in the re-evaluating of grading policy at Clark and here at WPI was the feeling that for students trying to compete for pre-med grades, the transcript does not represent the students' academic achievements in the best possible light.

UAB feels that its recommendations reflect both student and faculty sentiments at Clark. It will be some time, however, before the policy changes are actually made. The recommendations must be again reviewed by UAB and then voted on by the faculty senate twice.

Part-Time Employment

by Maureen O'Brien
Associate Editor

As everyone knows, the Office of Graduate and Career Planning (OGCP), is in the business of helping seniors and graduate students in their search for employment. A less well-known fact is that OGCP can also help students find part-time employment while they are in school. There seems to be a large number of part-time jobs available this year, as evidenced by bulletin boards in Daniels Hall and outside the OGCP office which is located on the third floor of Boynton Hall. Anyone who is interested in earning extra money this year should be able to find a position that suits them. A few of the jobs that are available are listed below.

Landscape and Lawn Maintenance Workers: Full- and part-time; year-round. Telephone 886-6691.

Experienced Carpenter Helpers and/or Framers for General Contractor: Part-time, flexible hours. Call Don Harding CE '70 at 756-0122, M-F 7:00 a.m. to 5:00 p.m.

General Sales Clerk Photographs Sales Clerks at Prime Value Mart, Worcester Center Blvd. Apply in person.

Remember these are just a few of the positions that are available. Anyone who is seriously interested in part-time employment should check the listings in OGCP for one that interests them and contact the employer as requested.

Robert Voss Named New Admissions Director

Seaberg Moves to Special Admissions

by Helen Webb
Newspeak Staff

Robert Voss, formerly the director of admissions at Bradley University, Peoria, Illinois, will be succeeding Roy Seaberg, WPI's current admissions director, later this month. Seaberg is assuming the post of director of special admissions programs here.

As director of admissions, Voss will supervise all admissions activities for undergraduates as well as conduct interviews and take part in recruitment. Although he has no definite plans as of yet, Voss says he hopes to make an already good admissions program even better. He does think one possible future change would be to do more recruiting at city-wide meetings as opposed to concentrating on high school recruitment.

A native of Long Island, Voss graduated in 1970 from Hamilton College, Clinton, New York, with a B.A. in history. In college, he was a member of the basketball and track teams and was named captain and most valuable player of each. In his senior year, he was awarded the Gelas Memorial Prize for "outstanding leadership, strength of character and athletic ability."

After graduation, Voss was assistant director, then associate director, of admissions at Eisenhower College, Seneca Falls, New York until 1978. Before joining Bradley University, he was director of admissions at Widener College (now Widener University), Chester, Pennsylvania.

Voss says he looks forward to joining the WPI community.

Some Registrars Say Pass/Fail Grades Have Failed

PULLMAN, WA (CPS) — Pass/fail grading systems have failed and students who have a chance to use them generally reject them, according to a survey of over 1600 colleges using the pass/fail system.

Dr. C. James Quann, registrar at Washington State University and author of the survey, says students do worse when they're given pass/fail grades instead of letter grades.

"Many institutions are beginning to realize students perform on a lower level with pass/fail systems," he says. "Students come to class late, skip classes, don't do assignments and hold other students back. Performance is below par in many cases."

Quann sees the system as a vestige of the more experimental sixties and early seventies.

Even so, "only a small percentage of schools that initiated pass/fail options abandoned them altogether on the theory that if you give the students something, it hurts to take it away," Quann adds.

Northwest Missouri State University, for example, changed its pass/fail system in 1979, letting students use it in a maximum of nine credit hours.

"It's not overused anymore," reports Registrar Linda Girard. "People were taking advan-

tage of it: using it for hard major classes and GED requirements. Faculty is much happier now."

Quann's own Washington State still offers pass/fail options, but only seven percent of the student body uses it.

Some schools, of course, remain devotees of the system.

"Faculty instituted this system to encourage learning for the sake of learning, instead of a competitive environment," reports Nancy Pascal, associate registrar at the University of California-Santa Cruz.

"Students like this environment and the freedom to test things more than under a traditional system," she claims. "Faculty is committed (to it) despite the enormous task of written evaluations."

Quann believes more schools are moving away from pass/fail systems, however, if only because grading fashions change from time to time.

Pass/fail systems were common in the 19th century, until they were supplanted by numerical grading practices, he explains. Symbols and letters later appeared to summarize numerical groupings.

LETTERS

Grad Student Rebuts
Reagan Dictionary

To the Editor:

In response to Kieran Suckling's "Dictionary According to Reagan" (WPI Newspeak, October 2, 1984, page 2), I would like to adduce the argument of *reductio ad absurdum*. Suckling believes that because the President has brought about the successful upgrading of our military and engineering might, we should now ridicule the entire effort as an exercise in futility.

For thirty years we have declined. The very arguments that are sarcastically brought forth are the very real reasons for our

decline. The U.S. was number one in per capita income and military/engineering strength just three decades ago. Liberals of the Right and Left have mouthed these pathetic homilies since the Republicans last controlled both Houses of Congress.

One would hope, nay, one would know that WPI students are far too intelligent to cave in to this kind of empty and defeatist liberal rhetoric.

James H. King
Grad. School of Management
WPI — Worcester Campus

COMMENTARY

Are You Nothing
More Than a Number?

by Marie Harriman

"You don't have a person number?" one of my Swedish friends asked in disbelief. She couldn't fathom the thought of life without her very own number. How in heaven's name did I manage to define myself? I explained that in the U.S., we have the Social Security number (which isn't really the same breed of animal), but in most cases, giving your name along with some form of identification is sufficient evidence of your existence.

The Swedish person number consists of ten digits. The first six designate your birthday. For example, 630823 would be someone born on August 23, 1963. The final four digits are your own personal digits that assure you that no one else born on your birthday will ever have the same numbers. What security! All Swedes are issued these digits at birth, probably before their parents have had a chance to give them a name. Swedes for the most part seem rather attached to these numbers. Most Swedes have medallions, on neckchains, that have their numbers, and often their names, engraved upon them.

Despite the fact that I'm American and our customs do not dictate that we are solely a number in the eyes of the government, Swedes continuously ask after my number. It truly seems as if they can't or don't want to deal with me until I've acquired one. Do they possibly need it as some sort of governmental assurance that I am a living, breathing, human being? Service personnel from the telephone company to the registrar's office have been hesitant to deal with me for my lack of those last four digits!

So, I decided to give in to bureaucracy. I inquired after a person-number. I decided to dehumanize myself despite my American desire for individuality and my own principles. I filled out the required forms, and to my surprise, I was told I'd be assigned a number! I would be required to wait three weeks, however, for processing. "Fine," I thought to

myself, "I can stave off the bristling Swedes who demand my remaining digits for three weeks. No problem."

Well . . . Now I've been patient for five weeks. I've put up with this long enough. The telephone company required a \$250.00 safety deposit (to be returned upon receipt of my person number.) Not only are the Swedes hesitant to deal with non-number people, but they are sometimes downright distrustful. Who could doubt a face as honest as mine?

The bank teller asks me during every visit if I could be kind enough to give him/her my numbers. The registrar's and Student Union's offices almost had me swear that as soon as I've received my four remaining digits, I would inform them.

What a hassle! I should just create my own and I would, but then they'd check and find out I'd made them up.

To make the situation even worse, and more of a pain in the you-know-where, a call to the person-number office recently yielded some nifty, even frustrating information about their delay. First, they didn't believe that I'd even been there and filled out forms. They didn't have any record of my application! (Most probably got misfiled. Maybe they were unsure of how to file "Harriman" because it didn't have any numbers in it.) Later, they came to the conclusion that my application papers must have been sent to another department (that department is, of course, known to be slow!). The woman at the other end of the line assured me that she'd check on it, and process my application as soon as possible.

My conclusions to this mess:

- 1) In Sweden you are not a person without a person number.
- 2) Swedes don't want to give you a person number if you are a foreigner.
- 3) Therefore, if you weren't born Swedish, you don't, and can't ever exist!

Congratulations America! You don't exist.

Office Hours

Monday	9-12, 1-5
Tuesday	9-12, 1-2, 3-4
Wednesday	12-1, 2-3
Thursday	10-11, 2-3
Friday	9-10, 11-12, 1-2, 3-4

Letters Policy

WPI Newspeak welcomes letters to the editor. Letters submitted for the publication should be typed (double spaced) and contain the typed or printed name of the author as well as the author's signature. Letters should contain a phone number for verification. Students submitting letters to the editor should put their class year after their name. Faculty and staff should include their full title. Letters deemed libelous or irrelevant to the WPI community will not be published.

The editors reserve the right to edit letters for correct punctuation and spelling. Letters to the editor are due by noon on the Saturday preceding publication. Send them to WPI box 2700 or bring them to the Newspeak Office, Riley 01.

Commentary articles reflect the opinions of the writer and not necessarily Newspeak.

Newspeak

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Out of Turn:

On the End of Term

by David F. Wall
Newspeak Staff

It's funny what will give you an idea. There've been weeks where I sit at the keyboard at two o'clock Sunday morning without a ghost of an idea of what to write about.

For lack of anything better to do, a gang of friends and I went out to a movie called Amadeus, the story of Mozart told through the eyes of the man who 'killed' him (as far as the plot is concerned). And it gave me an idea. No, I'm not going to write a movie review, although the movie is worth the time spent seeing it.

Has anyone ever called you a genius? I'm willing to bet they have, even if simply in jest. And that is kind of frightening. It's a word we apply so lightly that it doesn't have much of its original meaning any more.

This applies more than you think. Despite what you might see, there are an awful lot of smart people walking around this campus. The screening process is strict enough that you don't see too many mental midgets coming here. And I can remember Van A's opening speech about how we were all at the top of our classes in school, but that it probably wasn't going to be that way here, and that if we couldn't cope with that we had better hitch a ride right back now.

Mozart was a genius, a certifiable musical wizard. And he died of it. In the end, the poor son of a what-not just pulled too many all-nighters and died of exhaustion, purportedly still working on his final piece, the music for a funeral Mass. And he's not alone. For those of you whose musical tastes don't run along classical lines, you can just look at Jimi Hendrix or Janis Joplin or Keith Moon. Okay, maybe they weren't writing concertos at age five. What they have in common is

that they all burned themselves out, one way or another, and their human weaknesses laid them to waste.

And it's scary! Freshmen will have a chance to witness their first end-of-term insanity very soon, and it would behoove them to watch what happens to people around here. Especially in those last few days, when the walls are tumbling down, people are tempting burnout. Okay, none of them die in their beds (that we know of) but there are plenty of people who qualify as walking wounded.

That's the nature of Tech, though, and there isn't a damn thing we can do about it. Having The Plan doesn't change that mess in the slightest — all those schools with regular schedules and 14 week semesters put their students through it. If you care about what you're doing here, it happens to you, too. For those last days of the term, that haunted look is the look of people flirting with disaster.

That's the secret, though. That is the thing about college. We're only flirting with disaster, but we don't walk over the edge. Even if you escape college with the minimum of academia, you learn to bear weights like that without breaking. Hopefully, if you don't figure it out, you're on your way to failure or the funny farm.

So as the end of A-Term comes to us at about the speed of light, you might keep some of this in mind. Maybe none of us are Mozart, but we are all people with talents of one sort, and they have to be our servants, not our masters. You can try and make things easy on yourself, but good intentions don't always make reality. So keep things in perspective. It'll be okay if you're a little crazy at the end. If you aren't, you're probably going insane.

Commentary

Cynic's Corner:

I'm Such a Good Doobee

by Andy Ferreira
Newspeak Staff

Thank goodness that sleep isn't a required course around here. Can you imagine what would happen if you had a Sleep requirement much as you have a PE requirement? No one would graduate.

I can just see it now — the catalog would be something like this: "WPI DEGREE REQUIREMENTS — 1. Students are expected to be qualified in Sleep and this shall be established by completing 1/3 unit of course work or its equivalent. Such equivalent, for example, may be self-induced coma (either through head injuries or alcoholic consumption) or any prolonged period of unconsciousness deemed by the Board of Somnics to be noteworthy or unique."

I don't think I'd graduate under such a requirement. This past week has been rather trying. I'm not complaining, mind you; I realize that there is at least one killer week each term (usually though I end up having five or six killer weeks a term). But anyway, last week I was looking for a club I could join to take up my spare time. Then all of a sudden, all three classes blew up. Each professor decided I needed to take an exam and two of them thought I should turn in programs too. Well, I did all of that (not too well, I'm afraid, but it's done and over with now). If I'd had a sleep class, I'd have failed it by now. I couldn't go to class because I had programs to do and I would have fallen way behind on class work because I didn't study much by not sleeping.

In the beginning of the term I was aiming for an AD in sleep. I was in bed by 11 p.m. and up in time for Daka breakfast. I was always alert and ready. That lasted for a week. I looked at myself and thought, my God, what a myron. My first class is at 10 a.m. and I'm getting up at 7:30 just so I can eat scrambled eggs and hash browns every morning? I then rethought my priorities. By the second week I was in a more desirable niche as I went to bed about 12:30 and woke up around 9:00.

As each day progressed, my bedtime neared 1 a.m. and my waking time approached 10 a.m., much like limits in Calc III. However, unlike limits, by the third week, once in a while, I would wake past my limit and decide I would look too silly walking into History class 25 minutes late and I would choose to spare myself the embarrassment and do some extra credit for my sleep class. So by the third week I had missed my first class (actually, in the second week I had gone to history class, but when I got there I realized that I left my pen at home, so I decided that that was a message from beyond that I shouldn't attend class and I went to the Wedge and had a cup of coffee.)

As I think back to my attitudes and how they progressed (or regressed, depending on your point of view) as the term went on, I have to laugh. Before I got back to WPI, I swore that I would never miss a class. I would pay attention, I would ace all of my tests, I would only get totally intoxicated once in a while, and in general, be a good doobee. Once I got in my room, I changed the "intoxicated once in a while" to "intoxicated at MOST once a week." By the second night, I had to change that to "AT LEAST once a week." On the third day of classes, I suddenly realized that I wasn't paying attention (the giveaway was that I was still writing a letter when I realized that class had ended 25 minutes earlier). As for being a good doobee, I still had that going for me!

The vow about tests was still intact up until last week (mainly because I hadn't had a test yet and I said nothing about acing quizzes). Then came the Assembler Language exam. Oh well, at least I'm still a good doobee.

So you can see that now I am without goals — just a mindless soul wandering through the wilderness known as Sophomore Year. If you will notice, this article is a bit shorter than usual. I had another goal too, you know — thou shalt do Cynic's Corner by the Thursday preceding publication. It's Sunday. Oh well.

POLICE LOG

Friday, Sept. 28

8:40 p.m. — A call was received from the Worcester Police Dept. regarding a loud party at a fraternity. Officers were notified to respond.

9:00 p.m. — WPI officer advised the fraternity regarding the noise. Fraternity said they would quiet down.

10:15 p.m. — Worcester Police Dept. called regarding loud noise at some fraternity. WPI officers arranged to meet Worcester Police officers down at the house.

10:35 p.m. — WPI officer reported he has stopped a vehicle at West St. and Institute Rd. which Worcester Police Dept. was pursuing in a hit-and-run investigation.

Another officer reported that the Worcester Police Dept. states that they have advised the fraternity of the noise and will close down the party if they receive any more calls that evening.

10:40 p.m. — WPI officer reports that a car involved in an accident with another vehicle left the scene of the accident on Highland St. The WPD arrested the driver for driving under the influence.

11:10 p.m. — WPI officers went down to the above-mentioned fraternity with the Worcester Police Dept. They walked through the fraternity and checked I.D.'s. Officers noted several people under age drinking at the fraternity.

11:50 p.m. — WPI officer returned to station to speak with Worcester Police Dept. sergeant. Worcester Police Dept. was still receiving calls regarding the loudness of the party at the fraternity. WPD felt party had to be ended in order to rectify the problem.

Saturday, Sept. 29

12:31 a.m. — Worcester Police Dept. calls regarding a complaint about loud noise coming from a party at another fraternity. Officers responded and informed the fraternity that their party will be closed down also if there are continued problems.

1:11 a.m. — A member from a fraternity called regarding a molotov cocktail just thrown at Fiji Rock on Salisbury St. Officer reported paint on rock burning. Worcester Fire Dept. responded but fire was already

out.

3:50 a.m. — A fraternity member called to report that someone had just thrown a rock through their library window.

Sunday, Sept. 30

12:30 a.m. — Officer reported a complaint about loud noise at a fraternity house. Officer responded to house and advised that the band was playing too loud. Fraternity members said they would correct the problem.

2:20 a.m. — The president from a fraternity called reporting a possible fight. Officers responded and cleared students from the area.

Monday, Oct. 1

11:00 a.m. — A student reported his speed bike stolen from the Dover St. area the previous night.

11:30 a.m. — A coach reported a new lacrosse net was stolen from A.J. Knight Field.

Wednesday, Oct. 3

3:30 a.m. — A fire alarm was set off on the first floor of Morgan by an unknown subject.

Thursday, Oct. 4

11:30 a.m. — A fraternity called to report the theft of a computer terminal from the house.

11:36 a.m. — Officer called to report a vehicle with its windshield smashed from the outside indicating a pedestrian-type accident. There were still traces of hair on the outside of the vehicle. A listing was run on the vehicle.

4:40 p.m. — A report was received of an accident on the intersection of Salisbury and West St. A car had rear-ended a parked car. Driver was shaken. Officers responded and the WPD was notified.

9:20 p.m. — Officer reported finding two students on the construction site property. Both were advised and sent on their way.

Friday, Oct. 5

1:30 a.m. — Officers reported apprehending two students regarding larceny of street signs. Students were warned. The Office of Student Affairs would follow up.

Student Counseling Center's B-Term Seminar Schedule

Following is the schedule for B-term seminars offered by the Student Counseling Center.

Time and location to be announced
Leaders: Susan Carol Theisen, Shirley S. Siff, and Iris M. Young

Study Skills/Time Management

Designed to assist you in developing more effective study habits, reading skills, retention of information. Also, learn how to stop procrastinating and budget your time effectively.

Tuesdays: 11/6 & 11/13, 7-9 p.m.

Higgins Labs, Room 101

Leader: James E. Groccia

Career Decision Making

Designed to assist students in making career planning choices. Format will consist of interest/attitude testing, values clarification activities and practical information giving.

Wednesdays: 11/28 & 12/5 & 12/12, 4-6 p.m.

Stratton Hall, Room 204

Leader: Susan Carol Theisen

Managing Stress

A structured workshop focusing on the behavioral, emotional and thinking aspects of general stress and anxiety. Participants will learn relaxation, thought changing and positive imagination techniques to control stress in a variety of situations; e.g., oral comps., test taking, job interviews, dating, etc.

Wednesdays: 11/28 & 12/5 & 12/12, 3-5 p.m.

Alden Hall, Alumni Conference Room

Leader: James E. Groccia

Being a Woman at WPI

What is it like to be a woman student or faculty member at WPI? This group will explore issues related specifically to the WPI experience and women's issues in general. Designed to create an awareness, help women make choices and provide a situation for coalition and support networking. Content will consist of panel discussions, guest speakers and specific issue discussions.

Dealing with Loss

Everyone has experienced or will experience loss. This loss might be the death of a loved one, the breakup of a relationship, or the decline in self-confidence as a result of poor academic performance. This seminar is designed to explore individual reactions to loss and will suggest ways to effectively cope.

Monday: 11/19, 7-9 p.m.

Location to be announced

Leader: James E. Groccia

Problem Eating Group

Designed for individuals who have difficulty maintaining proper eating habits. Participants will be selected from individuals who experience chronic undereating or who frequently binge eat and then purge themselves through vomiting, laxatives and other means. Contact Sue Theisen to sign up for this group.

Mondays: 6:30-8 p.m.

(to continue through C Term)

Leader: Susan Carol Theisen

REGISTRATION FORM

Please check seminar choices, detach and return to: WPI Student Counseling Center, 157 West Street, as soon as possible.

- Study Skills/Time Management
- Career Decision Making
- Managing Stress
- Being a Woman at WPI
- Dealing with Loss
- Problem Eating Group

Name _____

Local Address _____

WPI Box # _____

Telephone _____

Project Report

Studying Storm Runoff Settling Basins

by D. Laprade
Newspeak Staff

Any time land is to be developed there is a concern over the proposed project's impact on the surrounding environment. Here in Worcester, there is a proposal to build a Biomedical Research Park on the western shore of Lake Quinsigamond. There has been considerable interest as to its impact on the surrounding area. Public meetings have been held concerning the issue and attending the meetings was a much interested Virginia Roach (CE '85).

Ms. Roach witnessed the neighbors' anxieties concerning the park's possible pollutant effects on Lake Quinsigamond. Stirred on by the query, she approached the project's proponents in an attempt to get involved somehow. She was soon working alongside the sponsor of the Biomedical Park, Sasaki Associates of Watertown, MA, on her MQP.

Sasaki Associates felt they could use Ms. Roach's background in environmental engineering to study one aspect of pollution — site runoff. The research of site runoff was broken down into four basic tasks: (1) analysis of site runoff characteristics, (2) analysis of site soils, (3) literature research on runoff settling basins, and (4) suggesting design considerations for settling basins.

Ms. Roach, under the advisorship of Professor Fred L. Hart, started collecting runoff samples from the site early last D-term. Although her sponsors required data after only one heavy rainfall, she soon realized that there were complications hidden in that request. The testing of the runoff required that she be at the site within ten minutes of substantial rainfall. Once there she had to gather the samples from three different points within the site. After securing the samples she was faced with days of tedious lab work. Each of the three samples was to be tested for pH, turbidity, bacteria, BOD, COD, nitrogen, oil, grease, phosphates, sulphates, suspended solids, and total solids. Many of the parameters proved difficult because they require immediate testing. It was not until after the third rainfall that her persistence was rewarded with promising data.

The next phase of her work was the

analysis of the soil parameters at the site. This work was started in E-term. With the assistance of a backhoe from Sasaki Associates, Ms. Roach took soil samples from five specific spots within the site. These soil samples were brought back to Kaven Hall where tests were done to determine erosion characteristics that would be of importance to runoff. Ms. Roach says that the soil analysis was a lengthy process that took her well beyond the close of E-term.

Next was her literature search on sedimentation pools. These devices, as Ms. Roach explains, are basically used to settle out particulate matter in the runoff before it is discharged into a receiving water body. Aside from their settling applications, they aid in flood control by retaining initially heavy storm runoff and allowing it to slowly filter into the river or lake. When particles get settled out in the pools they will normally settle out the more undesirable materials attached to the particles (e.g., phosphorus, heavy metals, and hydrocarbons). She claims that the biggest source of pollution in waterways is non-point pollution — or runoff. Examples of such basins can be seen along highway I-190 just outside Worcester. These settling basins have been intended to cut down on road salt runoff, but maintenance has been neglected, and the basins no longer operate efficiently.

Ms. Roach is still in the process of collecting information on settling basins. She is quick to point out that basins, properly maintained, play a key role in minimizing adverse environmental impacts of a development. Unfortunately, she has found that settling basins are not always designed in the best manner. As she points out, "Pollution is usually greatest in small, frequent floods, and that is what the designers usually have in mind. However, when a big flood comes along these small basins don't do a good job in flood control or pollution control because water just flushes through them. I think in my report I will suggest a design that serves a dual purpose by having large settling pools with varying outlets so both conditions can be met."

(continued on page 5)

ARTS AND ENTERTAINMENT

"JFK: A Time Remembered" At Anna Maria College

PAXTON — Anna Maria College will present noted actor Mark McIntire in a one-person performance entitled "JFK: A Time Remembered" at 2:30 p.m. October 14 in Foundress Auditorium on the Paxton campus.

With an uncanny physical and vocal resemblance to John F. Kennedy, McIntire gives a performance which brings the excitement and glory, the joy and courage, the pathos and tears of JFK's years as the nation's youngest president.

An Emmy Award winner, McIntire has appeared as President Kennedy on stage and in film since 1975. He remains the only actor to portray JFK at the Kennedy Library in Boston. He was acclaimed for his role as the President in the film version of Harold Robbins' *The Pirate*. Ironically, he appeared

in the feature film *Down On Us* in the role of President Richard M. Nixon. Most recently, he will begin his portrayal of JFK in the new critically acclaimed NBC-TV series *Call to Glory* on the October 15 episode.

Following five years of research, writing, and acting, McIntire began his stage show on the life of the thirty-fifth president. The production has toured college campuses nationwide since 1979. The performance presents Presidents Kennedy re-living the Bay of Pigs, the Cuban missile crisis, the civil rights confrontation with Alabama Governor George Wallace, the death of his infant son Patrick, and his order to withdraw all U.S. troops from South Vietnam twenty days before his 1963 trip to Dallas.

The most innovative segment of the pro-

(continued on page 5)

Museum Musings

American Antiquarian Society

"Ballads for Ballots" is the title of a concert by Arthur Schrader at 8:00 p.m., October 11, 1984, at the American Antiquarian Society, 185 Salisbury Street. The concert will include commentary of American presidential campaign songs from the eighteenth to the twentieth century.

Mr. Schrader was formerly music associate and ballad singer at Old Sturbridge Village and a 1979 National Endowment for the Humanities Fellow at AAS.

The meeting is free to the public. An

exhibition entitled "The Presidential Game" will be on view at the Society through October 12th. It includes literature from the 1800 to 1876 campaigns.

Worcester Art Museum

The Worcester Art Museum Library is holding a book sale on October 16th and 17th. The sale, to be held from 10:00 a.m. to 5:00 p.m. in the Lancaster Street Lobby, will offer a broad range of over 1700 books, exhibitions and sales catalogues, posters and other treasures.

The Dead Zone: Not Dead Film

by Helen Webb
Newspeak Staff

The Dead Zone, the movie shown in Alden Hall Sunday, September 30, was one of the few thrillers I have seen that managed to be just that — a thriller — without relying heavily on special effects or graphic violence. The acting was above average, the plot was easily followed and not totally unbelievable,

and the dialogue managed not to be corny.

While *The Dead Zone* cannot be called a great movie — at times the plot dragged, the ending was foreseeable for about the last half hour or so, and the movie's only message seemed to be not to wear white dresses to assassination attempts — it was definitely worth the one-dollar admission.

The Politics of Comedy

by Jody Bobbitt
Newspeak Staff

The Coffeehouse was filled September 27th by Steve O. and Melvin George II (comedians), a lot of people (packed house) and a hell of a lot of laughter.

Steve O.'s easygoing, George Carlin-like, bordering-on-poor-taste manner, gave the audience a great time. The crowd responded well — heckling him as well as he heckled them. Picking out various members of the audience, he'd reap laughter at their expense, as well as at his own.

Melvin George II worked in a more "monolog," storytelling style which enchanted the audience. Relationships were the main theme, specifically how important it was to be yourself even under the worst of circumstances.

At the end the team did some improvisation — taking the audience's cues in a game called "fill in the blanks" where the audience supplied them with words but stopped in mid-sentence, thus allowing the students to steer the action as they liked.

The next improvised action was a game called "freeze," where the two would act out a scene (after being suitably posed by the audience, for example one picking his nose,

the other sucking his thumb). When the scene had developed a while the audience would yell "freeze!", they'd stop in their tracks, and be moved immediately into an entirely different scene. The audience was in stitches.

The two comedians met several years ago in a club in Queens, New York. Both of them have families in Massachusetts so they usually work together here (although they don't always work together).

When I asked why they took up the job of comedian, I found they had a lot in common. Both had studied theatre. They fast became best friends. Mel is, in fact (he was told for the first time as we spoke), going to be best man at Steve's upcoming wedding.

Both decided early on that they had to take a chance. "When opportunity knocks you have to be strong enough to take some risks," said Steve. "There's never a moment in life in which a challenge cannot be made; you've got to do what you really want to do." (Sound advice from slightly unsound minds.) But in all seriousness, their philosophy matched their act — solid, positive, and strikingly human. (If you can't laugh at yourself...)

JOB HUNTERS

SAVE Wednesday Night, October 31st

7:30 p.m.

Placement Panel "Our Alums Tell..."

Morgan Dining Hall

Frank Consoli of Proctor and Gamble

(Juniors get a Preview)



B-TERM MIXER

Monday, October 29th

MAURICE & THE LONELY BOYS

(FORMERLY OF THE BLUSHING BRIDES)

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CASH BAR: Beer-Wine-Soda

AXIS

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Admission: Free

Dress: Neat garb

S	H	F
Simpleminds	oward Jones	r Frankie goes to Hollywood
B	T	P
Bananarama	hompson Twins	rince
I	W	W
Inkxs	ham	ang Chung
N	T	O
Nina Hagen	he Smith	md
R	B	S
Reflex	lue bells	heilla E
T	D	T
Talk Talk	ead or Alive	racy Ullman

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METRO 266 CHANDLER ST., WORCESTER

Campus Lore

by Jody Bobbitt
Newspeak Staff

TKE — Then and Now

Tau Kappa Epsilon (TKE) was founded in 1899. The chapter at WPI (originally called "The Mark", then Sigma Delta) joined the national fraternity in 1959, and became the first chapter in Massachusetts 60 years to the day after the national's founding.

Now numbering about 55 brothers, the fraternity boasts such famous national alumni as Danny Thomas and Ronald Reagan. With over 300 chapters (including two in Canada), TKE is the largest fraternity (chapter-wise) in America.

The services TKE does for the community are mostly under the title "charity"; the fraternity's most important local involvement is with Easter Seals' Friendly House. Nationally, the brotherhood raises money for St. Jude's, a fund for children, sending five

brothers each year to roll a keg across the country to raise money.

When I asked what TKE looks for most in its brotherhood, I was told that it was important to TKE to project a diversified image. There seems to be a unity in their differences. There is apparently no stereotype there, no "typical TKE." In the brothers' eyes, a fraternity's purpose is to help make lifelong friends, to provide an environment fostering leadership abilities, involvement in a social group, and commitment to a common cause.

Originally housed on Einhorn Road (where the Stoddard complex now stands), the brothers decided to move to their current residence at 1 Massachusetts Avenue when a rat scrambled across the floor during the meeting they had held to decide whether to move or not. The vote, incidentally, was unanimous.

International Affairs Seminar To Be Held Friday

On Friday, October 12, Mr. Vladimir Pavlov, 1st Secretary at the Bulgarian Embassy in Washington, will lead a discussion on a current topic in international relations. It should be an informal exchange of ideas.

Anybody who is interested in international affairs is invited to attend.

For further information contact Professor W. H. Eggimann, Electrical Engineering Department, X5352.

GREEK CORNER

Alpha Gamma Delta

Once an Alpha Gam, always an Alpha Gam! It was great to see so many of our alumni at Homecoming. Congratulations Laurie, Homecoming Queen 1984! Great job on the float everyone. Alpha Gam once again won the spirit award.

Annual pajama party at ATO was a blast! It's great that so many freshmen came! The spaghetti on Sunday was delicious.

Delta Phi Epsilon

Once again the make-your-own-pizza night was a success. Thank you Theta Chi for letting us use your house. We were glad to see all the freshmen who showed up. We hope you enjoyed yourselves.

Volleyball was a lot of fun this term. A special thanks goes to all the sisters who showed up to the games and to Mur who put up with all those who didn't. Get psyched for I.M. B-ball. Maybe we can win a game this year!

Phi Sigma Sigma

The sisters of Phi Sigma Sigma thank all the freshmen who have come to our functions.

these past few weeks. We really had fun meeting you. We also would like to thank the brothers of Theta Chi and Alpha Tau Omega for helping us out. Thanks also to the brothers of Phi Gamma Delta, Theta Chi, Phi Kappa Theta and Sigma Pi for helping us be social.

Congratulations to Jeannine Peters who earned her pilot wings through AFROTC. She was one of twenty women in the nation to be chosen for this honor. Congratulations also to Angela Frankudakis and Kathy Taylor for being chosen as Interns for the Admissions Office! Congratulations also to Anne Provencher on her recent pinning.

Everyone start thinking of nicknames for your roommates.

Sigma Phi Epsilon

The brothers of Sigma Phi Epsilon would like to extend their gratitude to everyone who participated in their first annual bake sale. A special thanks to Ed "Chief" Mackey who not only coordinated the event, but baked most of the brownies and raised the general morale of the brothers.

Tau Beta Pi Tutoring To Begin B-term

Tau Beta Pi will begin a tutoring service

during the week of October 29, the first week of B-term. Tau Beta Pi is the National Honor Society of Engineers, whose members include outstanding members of the junior and senior classes as well as qualified graduate students and participating engineers.

The tutoring will be done by Tau Beta Pi members and candidates in the lower Wedge from 8:00-10:00 p.m. on Sunday, Monday, Tuesday, and Wednesday nights. The subjects included are Calculus, Physics, Chemistry, and Computer Science, (Fortran and Pascal).

If you would like help in one of these areas, come to the lower Wedge and look for the Tau Beta Pi sign.

Chemical Career Insights Conference at Clark

by Jack Spadaro
Newspeak Staff

In a news release dated September 10, 1984, Clark University announced that it will host a chemical career conference on Wednesday, October 31. The conference, a part of the "Roadshows" series conducted by the American Chemical Society's Younger Chemists Committee, is expected to attract 200 undergraduate and graduate students and their faculty advisers from colleges throughout New England.

Several speakers from major chemical companies throughout the United States will be describing and answering questions about different career paths and opportunities in the chemical industry, including the process of job hunting once a student has received a degree.

This is the first "Roadshow" presentation in Worcester and it is being sponsored by Clark University and the Central Massachusetts Section of the American Chemical Society (ACS). Dr. Michael Novak, Assistant Professor of Chemistry at Clark, is the event coordinator. There is a \$3 registration fee for those interested in attending.

... J.F.K.

(continued from page 4)
duction is the live-press conference scene in which members of the audience get to address their questions to JFK.

"JFK: A Time Remembered" is the third event in Anna Maria College's performing arts series entitled "PERFORMANCES '84." Tickets are \$3.50 for adults, \$2.00 for students and senior citizens. Advance tickets may be obtained by calling Anna Maria College at 757-4586, ext. 220.

... Project Report

(continued from page 3)

These final recommendations will be complete by the end of B-term. Much of Ms. Roach's laboratory data is being included in the Environmental Impact Statement sent in by Sasaki Associates. She feels that the laboratory information will allow them to provide for a design safety factor in their project. She has enjoyed playing an integral role in the issue and looks forward to seeing what the future holds for the Biomedical Research Park at Lake Quinsigamond.



CLUB CORNER

ASME

There are several interesting events coming up. Everyone is invited to attend.
 Wednesday, October 10 — Mr. L. Aragona, developer of the Brasilici sports car, will be presenting the car design. One of the cars and some slides will highlight his presentation. Refreshments will be served at 4:00 and the presentation will begin at 4:15. Location to be announced. Watch Newsbriefs and **Newspeak** for it.

Sunday-Friday, October 7-12 — Anyone interested in attending the Mechanisms and Design Automation Conference or the International Power Transmission and Gearing Conference (Wednesday-Friday) is invited to attend at the Hyatt Regency Hotel in Cambridge, Mass. Admission is free for ASME student members. This is a series of separate presentations, not one continuous program, so any single day may be attended.

Friday, October 12 — The ASME Student Leadership Conference will be at the University of Lowell this year. Anyone interested in holding an ASME office next year should attend. It is a valuable learning experience. All students are invited. Please contact April Berkol, Box 2717, for all information.

WPI students are asked to volunteer as guides, etc. for the rededication of Washburn Laboratories in October. Anyone interested should contact Prof. Zwip or volunteer at the ME office in Higgins.

Suggestions for ASME-sponsored events are always welcome. If there is a speaker on tour you would like to see, contact April Berkol, Box 2717, or drop your ideas in the ASME office in Higgins.

Robotics Lab Tour A Success

The ASME-SME jointly sponsored robotics lab tour was a tremendous success. This type of on-campus activity stimulates our awareness of the technology that surrounds us. The entire campus community is invited to all ASME sponsored activities. It was a pleasure to see individuals from various areas of the school in attendance. We would like to thank the following individuals for taking part in this demonstration: Paul Cotiner, Rich Higger, Andy Beaupre, and Jim Wilbur for demonstrating the robots, Bill Cass of SME who helped to arrange the tour, and the ASME Executive Committee members who supplied the coffee and donuts, posters, and mailings.

Anyone who would like to take part in the planning and/or execution of similar ASME activities is invited to attend our Executive Committee Meetings on Mondays at 4:00 p.m. in HL109. All majors and societies are invited. Come see what we are all about. It's a rewarding experience.

The Executive Council

The Executive Council is looking for someone to fill the Independent Representative position. The Independent Rep. is a voting member on the board.

Some Fear Tuition Could Top \$180,000 by 2002

BOSTON, MA (CPS) — By the time the babies born this year get to college, they may have to pay \$45,000 to \$180,000 for their degrees and face a huge post-graduate debt, according to a recent accounting firm study.

"We've witnessed an increase of more than 330 percent in tuition and required fees over the past 15 years in the public sector alone," says Clark Bernard, chairman of higher education planning for Coopers and Lybrand, which conducted the college costs study for the American Association of State Colleges and Universities (AASCU).

(continued on page 10)

... Football

(continued from page 1)

Engineers. But it was the line play of Union that won this game. Their offensive line gave Stewart all day to pass, and their defensive line did not give Scacciotti a minute alone, pestering him on every play. WPI deserves to be on the same field as Union, the Engineers gave them one hell of a game. It was the lack of breaks that cost the game for WPI. Next week, WPI takes on the Big Fordham Football team in New York next week. Wish the Engineers your best.

To qualify as Independent Rep., a student must not be a member of the Interfraternity Council and must not be living on campus. He/She must be a full-time student registered for three (3) of the four (4) terms (excluding E-term).

Anyone interested should send a message to the Student Government box before October 16. If you have further questions, contact Beth Ann Dupell at 798-0177.

Pathways

Pathways is your creative arts magazine! Our club is on campus to promote the literary and graphic talents of the WPI community. We hope that you will submit any works you have created including poems, short stories, photographs (black and white), and pen-and-ink drawings to WPI Box 7200 for consideration for publication in **Pathways**. Our theme is DREAMS, but all subjects are welcomed, as are new members.

Pi Mu Epsilon

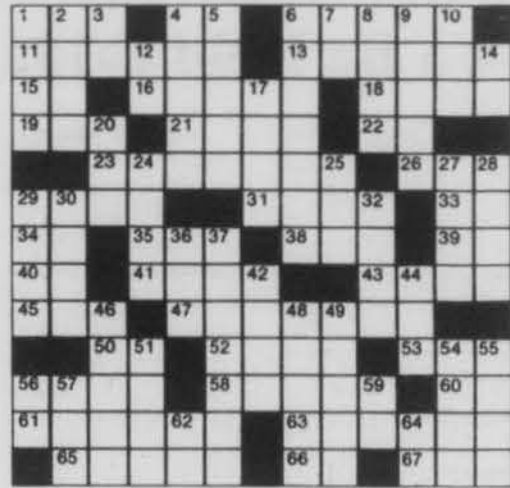
Pi Mu Epsilon has future plans to organize the Putnam Exam on campus Saturday, December 1. The Putnam Exam is a six hour mathematical test (split into two three-hour periods with lunch in between and munchies afterwards). The exam tests comprehension of not only basic calculus but also any and every trick that can be added (sample questions are in the white calculus books the freshman are using). Colleges across the country will be giving the same exam. At each college the students taking the exam are listed in a preference order. The top three people on the list who take the exam on December 1 will be considered the school's team.

When everything is graded, team scores will be published along with the top 500 individual scorers. To take the exam, sign up in the Mathematics Department office by the end of a term. If you have any additional questions talk to Professor Creegan or write Linda Groenewal, Box 117.

- ACROSS
- 1 Fish eggs
 - 4 Paid notice
 - 6 Take unlawfully
 - 11 Current breakdown
 - 13 Wanted
 - 15 Pronoun
 - 16 Thicket
 - 18 Dwell
 - 19 Greek letter
 - 21 Repetition
 - 22 Compass point
 - 23 Second-rate horses
 - 26 Employ
 - 29 Tardy
 - 31 Encounter
 - 33 Note of scale
 - 34 Hebrew month
 - 35 Three-toed sloths
 - 38 River in Scotland
 - 39 Exists
 - 40 Pronoun
 - 41 Lavish fondness on
 - 43 Back of neck
 - 45 Everyone
 - 47 Sea nymphs
 - 50 Printer's measure
 - 52 Need
 - 53 Pronoun
 - 56 Verso, e.g.
 - 58 Showy flower
 - 60 Morning
 - 61 Click beetle
 - 63 Come on the scene
 - 65 Mixture
 - 66 Rupees: abbr.
 - 67 Nod
- DOWN
- 1 Debauchee
 - 2 Expel
 - 3 Latin con-
 - 4 Greek marketplace
 - 5 Railroad station
 - 6 Scoffed
 - 7 Symbol for tellurium
 - 8 Lampreys
 - 9 Farewell
 - 10 Unit of Bulgarian currency
 - 12 Alternating current: abbr.
 - 14 Prefix: down
 - 17 Stalk
 - 20 Likely
 - 24 Conduct
 - 25 Diocese
 - 27 Slide
 - 28 Comfort
 - 29 Tibetan priest
 - 30 Son of Adam
 - 32 Care for
 - 36 Electrified particle
 - 37 Airplane attendant
 - 42 Periods of time
 - 44 Hard-wood tree
 - 46 Lawful
 - 48 Go in
 - 49 Newspaper paragraphs
 - 51 Apportion
 - 54 Character in "Othello"
 - 55 Merganser
 - 56 Hebrew letter
 - 57 Priest's vestment
 - 59 Note of scale
 - 62 Printer's measure
 - 64 Symbol for rubidium

CROSS WORD PUZZLE

FROM COLLEGE PRESS SERVICE

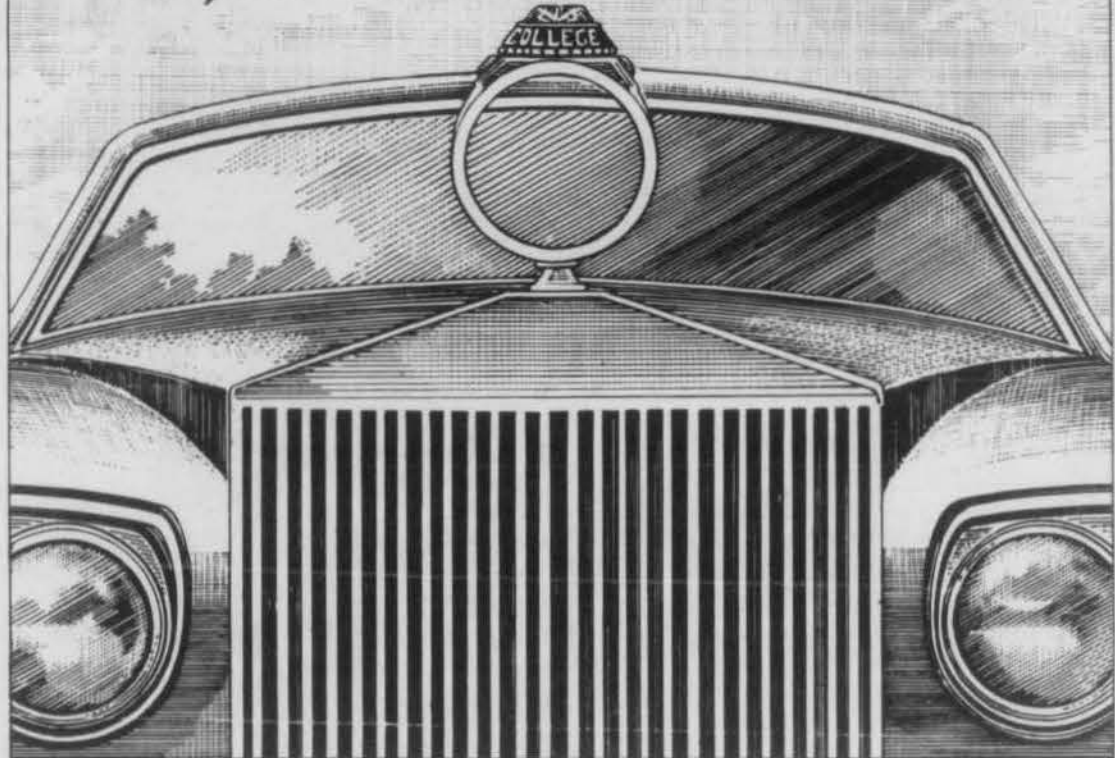


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Study: Frosh Stand To Gain 9 Pounds

STATE COLLEGE, PA (CPS) — If you're a college freshman, arm yourself for a four-year battle of the bulge.

A just-released study of Penn State students by nutritionist Jean Harvey and two other researchers reveals men gain an average of 9.1 pounds during their first year of college. Women average a nine-pound gain.

And the extra pounds sneak up each year. Sophomores gain 7.3 pounds while juniors put on 7.8 pounds and seniors 6.5 pounds, the study found.

Many students blame fattening dorm food, but Harvey says the study exonerates it.

"Residence (on or off campus) wasn't a factor in weight change," she states. "So students' claims that dorm cafeteria food caused the gains aren't accurate."

The questionnaire, sent to 2400 Penn State undergraduates, drew about 1000 responses to 36 questions about weight, eating and exercise. Results show 67 percent of the men questioned and 62 percent of the women admitted gaining weight.

Only senior respondents lost weight, apparently thanks to exercise, Harvey says.

Emotional and psychological factors, such as living away from home, weren't surveyed, but Harvey has "a feeling people at Penn State are planning a study to determine the influence of these factors on student weight gain."

No one knows if all students put on pounds at the same clip Penn State students do.

The American College Health Association shows no record of any national surveys similar to the Penn State study, though a 1978 federal study determined college students were an average of six pounds heavier than the students of 1968.

Yet overweight students and health and nutritional concerns have prompted many colleges to implement diet and exercise programs.

Wayne State University in Detroit bases weight control on behavioral methods to improve eating habits.

Many student health clinics publish diet tips in campus newspapers, especially during the spring "get in shape" rush.

In 1982, Stanford developed a dorm nutrition program, posting nutritional information for cafeteria food. It listed the calorie, fat and cholesterol contents of each item it sold.

A similar program exists at the University of the Pacific in Stockton, Calif.

Dietician Joan Nikirk calls it an "educational program, mostly presented through posters and pamphlets to make students aware of basic food groups and nutrition."

But the program has done little so far to change students' eating habits, Nikirk admits, although a survey shows 80 percent of the students are aware of it.

"There's only so much you can do in the dining halls," she says, "Maybe next year we'll take a different approach."

Computer Classes Surprise and Confuse Most Freshmen

PITTSBURGH, PA (CPS) — Most college freshmen are surprised, confused and frustrated during their first year of computer courses, according to a newly-released study.

The computer anxiety afflicts incoming students in all majors, but may be particularly severe among liberal arts majors, observers add.

Over 80 percent of all incoming freshman are "surprised" by the subject matter covered in computer courses, the survey reveals.

Moreover, one of every two freshman are "confused" by computer coursework, while nearly 70 percent say the courses actually make them "frustrated" and "angry."

"When freshmen go away to college they have a lot of new experiences. But the computer science courses turn out to be much different than any of the new students expected," says Lee Sproull, a researcher at Carnegie Mellon University who has surveyed CMU freshmen over the last three years to assess their attitudes toward computer courses there.

Among other things, Sproull says entering students find computer courses "more surprising, more confusing and harder to get a handle on" than their other courses.

And such confusion over computers "is true of liberal arts as well as technical students," she adds.

One of the reasons for the so-called computer anxiety, Sproull says, is that students are often "thrust into the computer culture" before they learn how computers

work and understand the special language used in computer courses.

Like at many schools, "computing at CMU is not simply a question of learning about computers in a classroom setting. Computing is a part of the whole work life at a campus," Sproull notes.

With more traditional subjects like history, math, or physics, she says, students learn in a sheltered, academic environment, and ease their way into the subjects as their ability and understanding increases.

But the "hands-on" experience in computer classes catapults students directly into the real-life world of computing, frequently without any prior exposure to the subject or the machines.

Thus, "students who are new to computing end up using the campus mainframe right beside advanced users, which often makes the newcomers feel intimidated and even more confused," she says.

"That's a natural reaction for just about anyone who has to use computers in the presence of experienced user," agrees Mark Tucker, director of the Project on Information Technology and Education in Washington, D.C.

"And the confusion and intimidation cycle repeats itself each time you use a different computer or a new piece of software," he adds, "which makes it a lot different from learning other college subjects."

To ease students' entry into the campus

(continued on page 10)

THE 1984 HONEYWELL FUTURIST AWARDS COMPETITION

TRAVEL AGENDA: Your mission, should you decide to accept, is to transport yourself 25 years into the future, take a look around and write three essays of up to 500 words each. For the first two essays, you are to write about significant developments in any two of the following subject areas:

1) Electronic Communications, 2) Energy, 3) Aerospace, 4) Marine Systems, 5) Biomedical Technology or 6) Computers. In a third essay, you are to write about the societal impact of the changes you've predicted. Your entries will be judged according to creativity (30%), feasibility (30%), clarity of expression (30%) and legibility (10%).

PASSENGER QUALIFICATIONS: Any person enrolled as a regular full-time student at an accredited U.S. college or university may enter, with the exception of full-time faculty members, previous winners and Honeywell employees.

PACKING LIST: To enter the contest, type (or clearly print) your name, address, college and declared major on an 8½ x 11" sheet of paper. We also need your T-shirt size so we can send you a Honeywell Futurist T-shirt designed by French illustrator Jean Michel Folon. Each of the three essays should be typed, double-spaced, on separate 8½ x 11" sheets without your name at the top. All sheets should be stapled together and sent, unfolded, to:

The Honeywell Futurist Awards Competition, P.O. Box 2009F, 600 South County Road 18, Minneapolis, Minnesota 55426.

All entries must be postmarked no later than December 31, 1984. Winners will be notified by mail by February 1, 1985. All prizes will be awarded.

PAYLOAD: A total of 30 winners will be selected and awarded the following prizes:

10 First Place Winners will receive \$2,000 and an all-expense paid trip for two to the Honeywell Futurist Awards Banquet in Minneapolis. They will also be offered a paid 1985 Honeywell Summer Internship.

10 Second Place Winners will receive \$250.

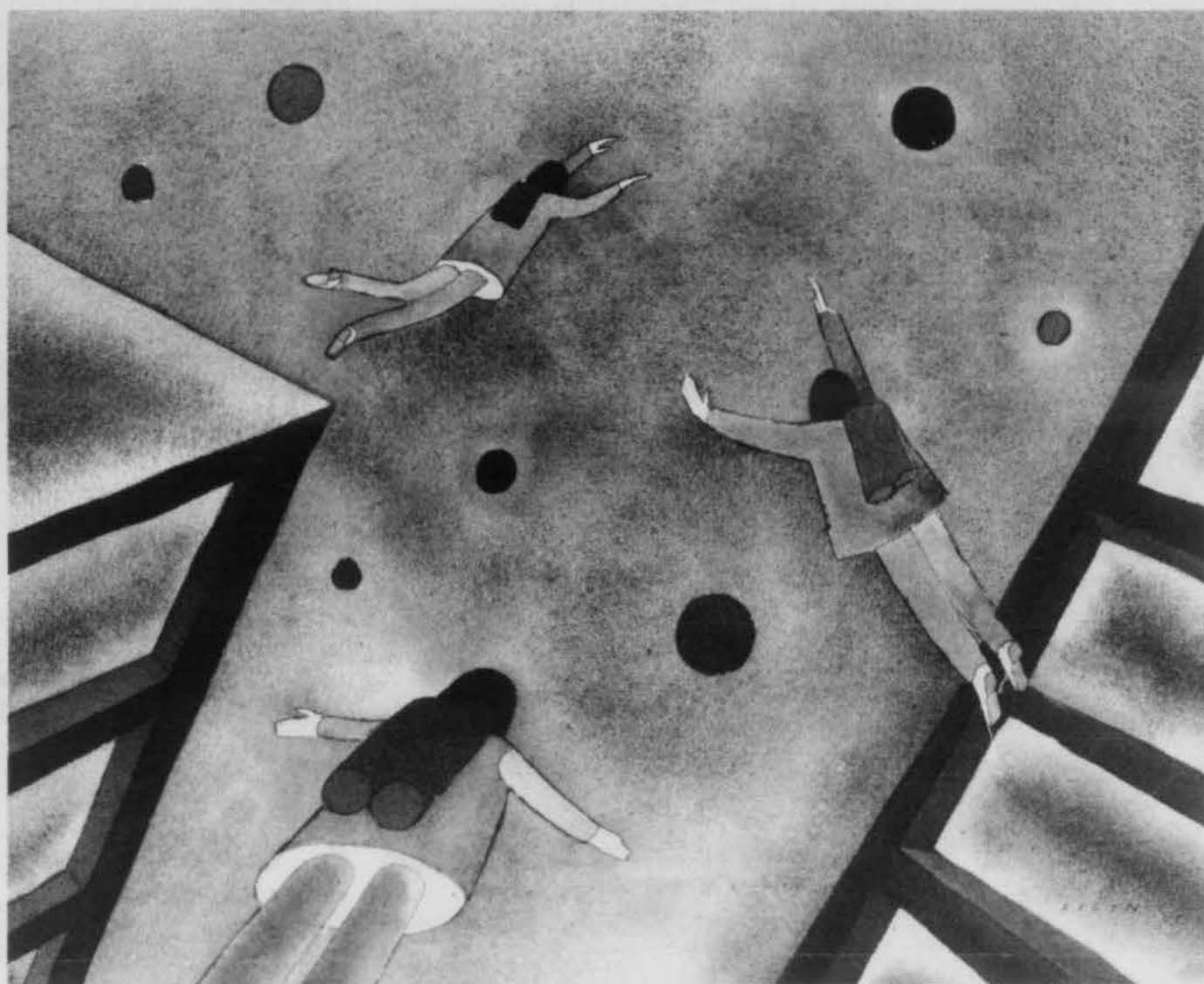
10 Honorable Mention Winners will receive \$100.

All entries are subject to official rules and regulations for participation and entry. If you are interested in receiving a copy of more detailed regulations, write: Futurist Rules, P.O. Box 2009, 600 South County Road 18, Minneapolis, Minnesota 55426.

Together, we can find the answers.

Honeywell

FANTASY IS THE FUEL OF THE FUTURE.



THE 1984 HONEYWELL FUTURIST AWARDS COMPETITION

Beyond scientific speculation and extrapolation, perhaps the richest inspiration for imagining the future comes from exploring our daydreams and realizing that today's fantasy may become tomorrow's reality. If you have imagined what our world will be like in 25 years, now is your chance to release those thoughts — tempered with your knowledge of technology — by entering the 1984 Honeywell Futurist Awards Competition. If your ideas are among the most imaginative and feasible, you will be awarded \$2,000, a trip to a futurist awards banquet and a Honeywell internship. Read the accompanying travel plans to find out how to enter. And fuel up for a trip to the year 2009.

Together, we can find the answers.

Honeywell

SPORTS

Sports Rap with Rudy and Alex

Hey, Sports fans, thanks for all the feedback this week. The questions are really rolling in. It's hard to print all the questions each week and some we can't print due to mass censoring, but if your questions aren't in this week's section keep trying.

This week I selected two of your questions, sports fans. The first comes to us from some smarty pants who thought he had us stumped. Sorry pal; why, this guy's so witty he even addressed his question to "Sports Crap with Rudy and Alex." He writes:

Dear Rudy and Alex,

How do you compare this year's team with the infamous team of 1954. Better get your dust mop out. Let's see some stats.

— Son of Alumnus

Dear Son of Alumnus,

You're obviously very knowledgeable about the '54 team but for the sake of our readers let me elaborate on that squad which featured a recent WPI Hall of Famer Earl Bloom '55.

Earl was 6'1" and 175 lbs and was the main contributor to their strong rushing offense. I think the name Carbone comes to mind as does the term "The running wreck of Worcester Tech" when we compare the offensive attacks of these two teams. I think they were very similar and equally potent. The defense however is what I feel sets the 1954 squad apart from this year's team. Their record was 6-0 and of these six wins four were shutouts. In the other two games they let up only two touchdowns, one in each game. Another interesting point we found

with our "dust mop" is that a freshman standout named Stanley Graveline played on the 1954 squad. WPI is blessed with the enrollment of his son Steve, a Junior this year, and the "Son of Alumnus" who, with that clever wit, has Alex and I in stitches.

As our readers realize, Alex and I are very sensitive to the athletic disability of the average Techster and always like to address at least one each week in our article. The second question this week has a problem. He's overweight and since Alex has a similar problem I asked him to answer this one... "Thanks Rudy"... "You're welcome, whalemeat..."

Dear Rudy and Alex,

Ever since I saw the movie "Fast Times at Ridgemont High," I've wanted to learn how to surf. I have a problem though; I am overweight. Could you please give me some advice?

Sincerely,

Kent Dorfman '88

Dear Kent,

We recommend about a 9'6" log, maybe a late sixties model. All surfers were overweight then. Famous surfers like Corky Carrol drink Lite beer from Miller because it's got 1/3 less calories than a regular beer and it's less filling. I advise you to try both the beers and the new board.

Well, we are fresh out of time, gotta go, keep those letters about anything from A-Z coming to WPI Box 1713, and we'll print it. See ya next week...

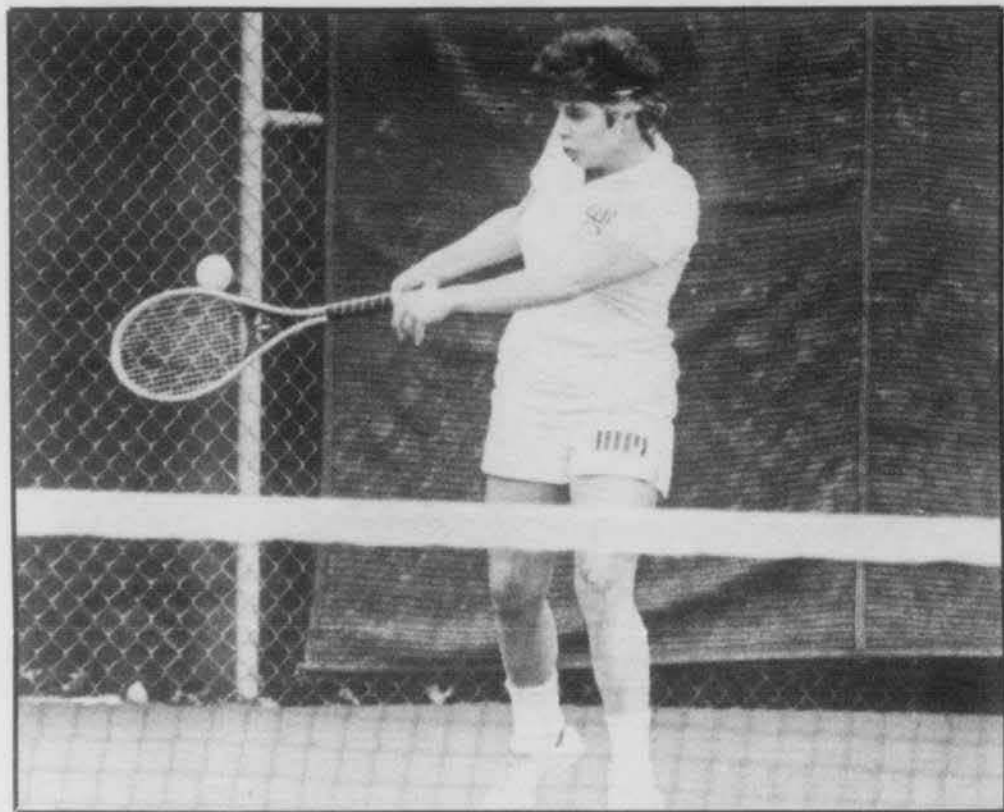
Women's Varsity Tennis

by Nancy Armerly
Newspeak Staff

Last week, the Women's varsity tennis team played against Suffolk College and Worcester State College.

The match on Wednesday was an easy win against Suffolk and the Lady Engineers

6-2) respectively. Chris Tondora and Michele Miles faced formidable opposition but emerged victoriously as did Jackie Hurst and the double teams. To play doubles were Cheryl Buitenhuis and Terry Ragan; Rita Patel and Traci Webster; and Jackie Hurst and Athena Dratelis.



Chris Tondora swings for a hit.

Photo by: Lisa Alpers.

dominated the match with a 9-0 trouncing. They were led by number one seed, Cheryl Buitenhuis, who handled her opponent on two easy sets (6-3, 6-3). Following Cheryl were Traci Webster and Terry Ragan who dealt with their opponents with equal ease, quickly disposing of them (6-0, 6-3) and (6-1,

The following day, the team played against Worcester State College. There were many close matches, some consisting of three sets. The winners of the day for WPI were Chris Tondora, Jackie Hurst, and number three doubles Jackie Hurst and Rita Patel.

WPI'S Ultimate Frisbee Team

by Jacque Pollak

WPI's Ultimate Frisbee Team, known as "Whoopie Ultimate," hosted its first tournament of the year. Visiting teams included Dartmouth, UVM, UMass, Keane State, and Clark.

There was some very good playing on the WPI team as the freshman squad showed what they're made of. Club President Jake Smallcomb had a good day as did Captains

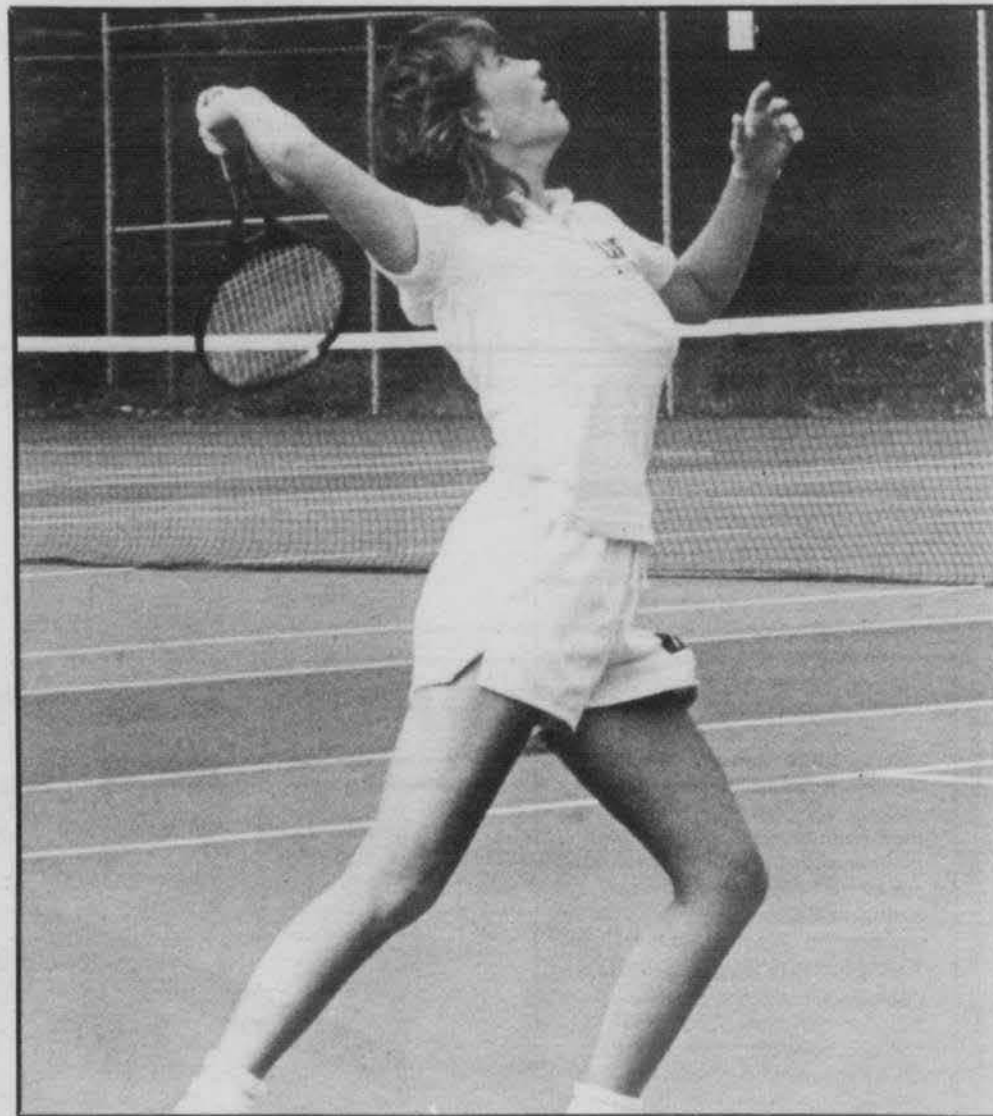
Monte Becker and Dirk Zastrow. Ex-President Roger Weber made a special guest appearance. One of the female players from Kean was removed from the field via ambulance and checked for head and neck injuries. Jacque Pollak suffered a jammed wrist and Rob Piper played on an injured ankle.

The team meets every day at 4:00 on the Quad. All are welcome (male and female). It's fun, it's Frisbee, it's ultimate!



Mike Carbone sets new rushing record in spite of a 20-0 defeat.

Photo by: Mark Wartski.



Terry Ragan serves to opponent during tennis match.

Photo by: Lisa Alpers.

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If interested and qualified, please send your resume to: Mary O'Neill, Human Resources Department, Racal-Redac, Lyberty Way, Westford, MA 01886. We are an equal opportunity employer.

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Soccer Team Rolls to 7-1

by Steve Graveline
Newspek Staff

The WPI Soccer team has made it half-way through their season and now stand sixth amongst Div. III schools with a 7-1 record. Last week WPI added two more to the win column by defeating Assumption and Rochester College.

First it was Assumption last Wednesday. Assumption so far is having one of their finest seasons ever (1 win) and gave WPI little difficulty as win number six went down in the books. The final score was 6-1, and as far as the game went it was cold, raining, and not too exciting. It wasn't a well-played game by WPI, but it didn't matter because Assumption played much worse. WPI controlled the game and did just about everything they wanted to. The only concern Coach King might have had prior to the start was in the absences of two players, Carlo Gretter and Art Del Savio.

As far as the scoring it was the same as in the past, mostly being done by the forwards. Dave King scored the first goal getting an assist from Scott Weyman. The second goal went to Amaro Gonsalves with an assist again from Scott Weyman.

Saturday presented a much different situation for WPI. Rochester was considered to be a slightly better team than WPI, but whoever gave Rochester that consideration had to be impressed by the Saturday morning performance of the Engineers. There was defense, offense, aggressiveness, and scoring, and WPI controlled all of these categories. The final score was 2-0, but that doesn't count for the two shots that were stopped on the goal line by a Rochester player.

All the scoring occurred late in the first half as Amaro Gonsalves combined with Scott Weyman to get the first goal. Less than a minute later Scott Cormier scored the second and final goal of the game. As for the assist? It should be obvious; it went to Scott Weyman. Interesting to note that Scott Weyman assisted in 5 of the 8 goals WPI had last week.

So now they're halfway done with 7 games left to go. How they will do in those next 7, it's difficult to predict. The second half of their schedule is much more difficult than the first half and in the next four weeks we will all know how good the WPI soccer team is. Their next home game isn't until Oct. 17, when they play Brandeis.



Soccer Team wins to make it 7-1.

Photo by: Jon Waples.

October 10

Win a robot (and land a job).

Win a robot.

At the conclusion of the BPI-SOURCE presentations, there will be live, national prize drawings. The prizes include T.I. Scientific Calculators and the Grand Prizes—two electronic personal robots. Maxx Steele, the mobile robot, is controlled by radio or a programmable memory system. He can speak 140 pre-programmed words and phrases, pick things up, wake you up and play electronic games. Maxx can even serve your favorite beverages.

We'll also be giving away BPI-SOURCE T-shirts and helpful information to take home with you. Maxx is a personal robot by Ideal™ (CBS Toys).

Land a job.

Through this one day video teleconference, you'll learn about many career opportunities that are awaiting you. BPI-SOURCE gives you, the student, a chance to learn valuable and helpful information about each company.

Participating companies are recruiting students majoring in all engineering disciplines (including aerospace, chemical, civil, electrical, electronic, industrial, mechanical), all disciplines of computer sciences, plus majors in aviation management, math, physics and all other technical degrees. Admission is free. High achievers with above average grades are encouraged to participate. And no registration is required.

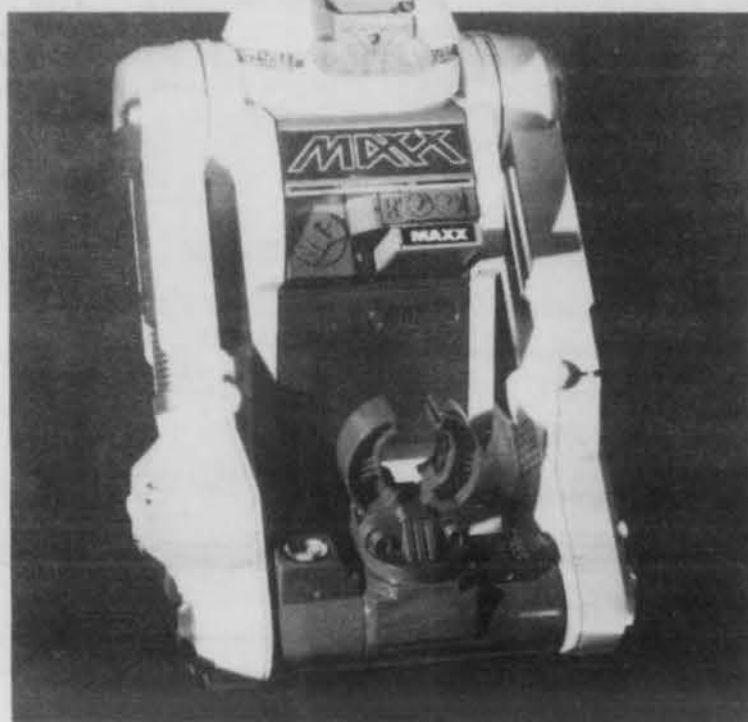
The BPI-SOURCE presentation is Oct. 10 at Alden Hall and will include a live morning telecast at 11:00 a.m. EDT and a live repeat approximately 3 hours later. Choose the telecast that best fits your schedule. **Pick up further information including presentation schedules at the placement office or call:**

BPI-SOURCE 1-800-328-4032
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Fill out this coupon and bring to the BPI-SOURCE presentation. It's your entry for the door prize drawings.

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SPECIAL PRIZE DRAWINGS

The Eurailpass — Plan Ahead

This summer, thousands of students will fly off to Europe, taking advantage of low transatlantic fares and a very strong U.S. dollar. Many will wisely be using a Eurail pass or Eurail Youthpass, but almost all of these will be unaware of many of the pitfalls and dangers of such travel that a little advance planning can easily avoid.

Eurailpass is easily the cheapest and the most pleasant way to get around quickly on the continent. In just hours you could get from Amsterdam to Paris, or Frankfurt to Zurich. However, there can be complications. During the summer months you may find yourself standing for a few long hours rather than sitting for a few short hours if you have failed to get a seat reservation. This may seem to be unimportant at first thought, but the consequences are obvious. Most of the time however, if you're travelling Monday through Thursday, you should have little problem finding a seat.

Another consideration of seating comes up with the decision to buy the cheaper second class Eurail Youthpass (expressly for people younger than 26), or the First Class Eurailpass. There is somewhat more money involved with the purchase of the first class pass, but if you've ever tried cramming into second class accommodations at the height of the European tourist season, then you might appreciate the value of the first class pass!

European trains are excellent! They run (even in Italy) with the precision of a well-machined Swiss clock. On the other hand they run too efficiently. If your train stops at a station, **don't** get off the train to stretch or run off to buy a souvenir; your train will disappear instantly, leaving you in the station and your belongings racing off to Budapest.

Another danger is car switching. Be very careful to read the train boards in the station as to where each car on your train is going, because they will at one point or another be switched off to some point far removed from each other. If you've become separated from a friend who is just in the next car — become unseparated immediately! He or she could end up in Oslo and you in Istanbul!

To make all of this easier, it is wise to purchase the great "Thomas Cook Timetable." This will be a constant help and lifesaver. It has everything in it. To obtain a copy, just contact: Forsyth Travel Library, P.O. Box 2975, Shawnee Mission, Kansas 66201. The Thomas Cook Timetable has maps of some cities showing the locations of stations. Be particularly careful that you are in the correct station. Many European cities have several terminals. Some have as many as five.

Some common sense points need to be brought out here as well. Plan your itinerary. Don't expect that Europe is a postage stamp. It's not. Lots of students are surprised that they haven't planned well and leave Europe after covering very little. Hopefully your stay will be for at least three weeks. Anything less will, considering jet lag and the like, be just a tantalizing taste of what you could have really done.

Be sure, before you board your first train using the pass, to have it validated at a ticket window. If you don't, you can get it done on the train, but you'll also pay a small fine.

Once on the train you'll be shocked by the price of food and drink. Again, plan ahead and stop at one of the small shops usually found in and around train stations which sell bread, cheese, wine, and other necessities. The savings are unbelievable! Incidentally, try shopping for some European yogurt. It's fantastic and inexpensive; something you'll be sure to get hooked on!

Never, never, never check your bag on the train unless you absolutely must! Why? It will take you forever to get it back. The red tape borders are sheer nonsense. Just avoid the whole thing and travel light, keeping your bag securely with you in your compartment.

The Eurailpass and the Eurail Youthpass are both great values, but lose them and you're up the creek! Watch out for ripoff artists in Brindisi, Italy, if you're trying to go by boat to Patras, Greece. There is only one steamship line which honors the pass on a free basis. The others will actually try to deceive you and lure you onto their boat where, when it is impossible to get off the ship, they will charge you \$80.00 for the voyage!

The 100,000 miles of the European Rail System is remarkable. If you need a Eurail pass or Eurail Youthpass call "Student Rail" at 1-800-332-0720. Along with the purchase of any pass they will send you a copy of "U.S. Student Rail Guide to Europe." It's a good deal! The booklet also contains a sample list of cheap places to stay in major cities.

Additionally, one of the best cities through which to enter Europe is Brussels. The train station is right at the airport, which will help keep costs down. Both Capitol Airlines (1-800-227-4865) and Sabena Airlines (1-800-645-6005) fly there.

Keeping all of these things in mind, your trip should go quite well. With a little common sense and some imaginative pre-planning your trip through Europe will turn into a very rewarding experience.

... Tuition Costs Rising

(continued from page 6)

If such rapid tuition increases continue through the turn of the century, as many financial experts expect, "families who have a child this year will probably have to spend \$45,000 for a public college education in 18 years," Bernard says.

The cost of sending a child to a private college, moreover, will run from \$140,000 to \$180,000, the study predicts.

"The implications (of the study) are extremely serious," says Allan Ostar, AASCU president.

"We may well be creating a debtor class of students" by charging so much for tuition that students will spend decades paying back their education loans, he says.

Currently, the cost of attending a public college averages \$15,000, Bernard says, while four years at a private institution runs about \$37,000.

A recent University of Wisconsin study, Ostar says, shows that today's average college student already has a debt of \$8200 upon graduation.

Compounding high tuition rates is the

federal student aid programs' shift from giving students money through grants to a greater dependence on loan programs.

Two decades ago, Ostar recounts, about 70 percent of all federal student aid was in the form of grants and other awards. Today, 70 percent of all aid money is in loans which students must repay after graduating.

If tuition rates continue to soar and the balance between grants and loans remains lopsided, he warns, "a student's ability to purchase consumer goods, a car, clothes — just the things it takes to get started in life — will be seriously impaired."

And future college students facing such momentous debts "may well be influenced in what kind of career they go into based on how well it will help them repay their loans, rather than choosing the field they really want to go into."

The teaching field, he notes, could be "drastically" affected by big education debts, as more and more graduates are forced to work in the private sector, where salaries are significantly higher.

NEWSPEAK will run classifieds free for all WPI students, faculty, and staff. Free classifieds are limited to 6 lines. Those over 6 lines must be paid for at the off-campus rate of 35 cents/line. Deadline is Friday noon for the following Tuesday issue. Mail to WPI/Newspeak, Box 2700, or bring to WPI Newspeak, Room 01, basement, Sanford Riley Hall. Forms must be filled out with name, address, and phone number for ad to be printed. No last names or last name initials will be printed in personal ads.

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ADDRESS _____ TOTAL ENCLOSED _____

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... Computer Classes

(continued from page 7)

culture, researcher Sproull suggests colleges offer computer orientation courses so students will learn the basic rules and lingo before taking a computer course.

In addition, colleges need to "make their terminal rooms less aversive," she says.

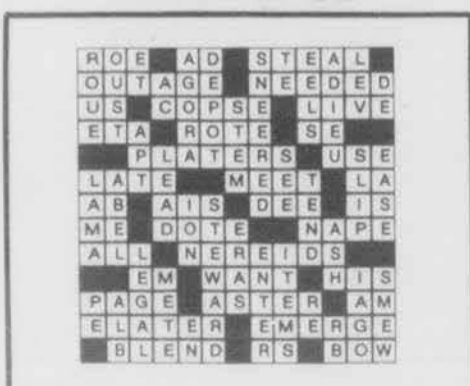
"Many of the students we surveyed said the computer rooms reminded them of a scene out of '1984' because they were so cold and sterile. Computer rooms should be more warm and inviting," Sproull adds.

Fortunately, the computer anxiety many freshman experience decreases as they become more familiar with the subject, Sproull notes.

"Some students become very exhilarated by their new-found knowledge and say "Wow, I never knew this could be so fun."

On the other hand, those who never quite overcome the confusion and frustration "end up doing just enough to get by," while still others give up on the subject altogether, she says.

Puzzle Answer



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To all those slightly concerned with the loss of my Boy George jacket: I FOUND IT!!! Thank you anyways — Sharon. P.S. Sorry Mike, you didn't hide it well enough.

Motorcycle for sale: 1972 Triumph Bonneville, 650 c.c., low miles, mint condition. \$1150.00. Call 829-4323 ask for Harry.

Beaker and Denise: You girls better lay off the buns and brewskies or else. Your loving 6 foot, 200 pound brother P.N.

Lost — 1 ceremonial Indian Headress. If found please call 799-0226 and ask for the Chief.

Hey Steve, When is Pansy getting her underwear back???

Dreams are the themes for Pathways, it seems. Submit your drawings, poems, short stories to Pathways — Box 7200.

Pathways, the Creative Arts Magazine of WPI, wants to publish YOUR original works. Send them to Box 7200.

A Phi O pledges — wicked, super, excellent job on the Coffeehouse bakesale!!! Stay psyched, brothers!!

Marcela, Felicidades!(Oct./3) Viva Colombia...! From Mickey Mouse and the United Nations.

For Sale: One cat, real ugly, born and raised in a sewer, scrawny and mangy, ideal for soups or casseroles, or serve cold in a salad on a bed of lettuce. Buy it before Daka does. Box 593. P.S. REAL UGLY.

For Free: One cat, real ugly, I mean REAL UGLY! NOT cute, NOT playful, NOT affectionate, NOT EVEN nice, just plain disgusting. It just eats and pukes. Box 593.

Homecoming Evening: Found 1 blue tie in the area of the Skull Tomb. Lost 1 blond "gentleman."

Woman's V-Ball — FANTASTIC! Keep up the great play.

FRESHMEN TAKE NOTICE!! Tau Beta Pi tutoring begins B-term. (See article in this issue for details.) This service is for you, take advantage of it!

Thanks for the four bid, Rick.

Where was the Cynic's Corner last week, Andy? Did you lose your rough draft on your way to TKE Friday night???

IBM PC's w/256K and 2-360K drives from \$1995; COMPLETE SYSTEMS FOR \$2850; or custom systems. Contact Anudata, Inc. rep. Box #2312, or call Sam at 757-5172.

ERIC, Hope you have an excellent Halloween! It's been a full year since our first encounter... same place, same time? You're still a real sweetie! Love Laurie

For Sale — '78 Chevy Monza: 65,000 miles, 6 cylinder, AM/FM, steel belted radials plus 2 snow tires, new brakes, shocks and exhaust systems, \$1500 or best offer. Contact Jim or Liz, WPI Box 2461 or 757-9783.

End the madness — What is yrtep spelled backwards?

End the madness — What is Bob spelled backwards?

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<p>DESOLDER PUMP \$9.29</p>  <p>57077 (MAX1)</p>	<p>PRECISION KNIFE \$1.29</p>  <p>Designed for light-duty cutting on paper, soft and lightweight materials or wood. 86269 (XN-100)</p>	<p>SOLDERING KIT \$10.69</p>  <p>Kit includes: 25 watt SP23 soldering iron, 3 tips (screwdriver chisel, cone), soldering aid tool and coil 60/40 rosin core solder. Blister packed on hang-up card. 110 volts. 86212 (SP23K)</p>	<p>ULTRASONIC TRANSDUCER \$9.69</p>  <p>Transmits or receives 40 kHz ultrasonic waves. For remote controls, radios, TV's, appliances; also for remote switching such as door openers, remote signaling and ultrasonic intrusion protecting devices and alarms. Diagrams of practical circuits included. 76080 (J4-815)</p>																																																																		
<p>EPROM ERASER \$58.50</p>  <p>Low cost EPROM Eraser designed in a plastic enclosure. The UV element and components are installed in the top lid and the EPROMS are placed in the bottom half. Erases as many as 8 EPROMS in 15-20 minutes; 90 day warranty. 69603 (QUV-T8/1)</p>	<p>DIP IC INSERTION TOOL WITH PIN STRAIGHTENER 14-16 PIN \$4.27</p>  <p>Narrow profile permits tool to work on densely spaced patterns while unique insertion mechanism assures accuracy as well as excellent "feel". Additionally the tool includes a unique pin straightener built into the handle. 86077 (JNS-1416) OFFER EXPIRES OCTOBER 31, 1984 LIMIT 3 PER CUSTOMER, WITH COUPON</p>	<p>FERRIC CHLORIDE ETCHANT \$3.89</p>  <ul style="list-style-type: none"> • Industrial Strength • 1 Litre 89012 (415-1L) 	<p>LIQUID TIN \$8.69</p>  <ul style="list-style-type: none"> • Tin Plates, Copper Circuits in Minutes • 500 ML 89053 (421-500 ML) 																																																																		
<p>CPU's & PERIPHERALS</p> <table border="1"> <thead> <tr> <th>Stock No</th> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>41001</td> <td>Z80-CPU-PS</td> <td>\$ 4.49</td> </tr> <tr> <td>41002</td> <td>Z80A-CPU-PS</td> <td>\$ 4.99</td> </tr> <tr> <td>12001</td> <td>6502 PC</td> <td>\$ 6.19</td> </tr> <tr> <td>12005</td> <td>6522 PC</td> <td>\$ 6.09</td> </tr> <tr> <td>12017</td> <td>6821 PC</td> <td>\$ 2.99</td> </tr> <tr> <td>12021</td> <td>6850 PC</td> <td>\$ 4.50</td> </tr> <tr> <td>12053</td> <td>8088 DC</td> <td>\$25.19</td> </tr> </tbody> </table>	Stock No	Description	Price	41001	Z80-CPU-PS	\$ 4.49	41002	Z80A-CPU-PS	\$ 4.99	12001	6502 PC	\$ 6.19	12005	6522 PC	\$ 6.09	12017	6821 PC	\$ 2.99	12021	6850 PC	\$ 4.50	12053	8088 DC	\$25.19	<p>MEMORIES</p> <table border="1"> <thead> <tr> <th>Stock No</th> <th>Description</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>48002</td> <td>P2114-20</td> <td>\$ 4.25</td> </tr> <tr> <td>48003</td> <td>P2114-20L</td> <td>\$ 4.25</td> </tr> <tr> <td>48005</td> <td>P2016-15</td> <td>\$ 7.25</td> </tr> <tr> <td>48049</td> <td>P5101-45L</td> <td>\$ 4.50</td> </tr> <tr> <td>48050</td> <td>P5316-25L</td> <td>\$ 8.25</td> </tr> <tr> <td>48007</td> <td>P6116-15</td> <td>\$ 7.00</td> </tr> <tr> <td>48008</td> <td>P6116-15L</td> <td>\$ 7.99</td> </tr> <tr> <td>48014</td> <td>C2516-45</td> <td>\$ 5.00</td> </tr> <tr> <td>48021</td> <td>C2530-45</td> <td>\$ 5.99</td> </tr> <tr> <td>48016</td> <td>C2732A-30</td> <td>\$ 7.89</td> </tr> <tr> <td>48037</td> <td>P4116-15</td> <td>\$ 1.49</td> </tr> <tr> <td>48011</td> <td>P4164-15</td> <td>\$ 5.75</td> </tr> <tr> <td>48012</td> <td>P4164-20</td> <td>\$ 5.69</td> </tr> </tbody> </table>	Stock No	Description	Price	48002	P2114-20	\$ 4.25	48003	P2114-20L	\$ 4.25	48005	P2016-15	\$ 7.25	48049	P5101-45L	\$ 4.50	48050	P5316-25L	\$ 8.25	48007	P6116-15	\$ 7.00	48008	P6116-15L	\$ 7.99	48014	C2516-45	\$ 5.00	48021	C2530-45	\$ 5.99	48016	C2732A-30	\$ 7.89	48037	P4116-15	\$ 1.49	48011	P4164-15	\$ 5.75	48012	P4164-20	\$ 5.69	<p>I.C. EXTRACTOR \$2.49</p>  <p>Economical tool features one piece spring steel construction. It will extract all LSI, MSI and SSI devices from 8 to 24 pins. 75065 (41-614)</p>	<p>FERRIC CHLORIDE ETCHANT \$3.89</p>  <ul style="list-style-type: none"> • Industrial Strength • 1 Litre 89012 (415-1L)
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WHAT'S HAPPENING

Wednesday, October 10

4:00 p.m. — Chemistry Colloquium by Dr. Dorothy Hamilton of Smith College, Goddard 227

Thursday, October 11

3:00 p.m. — Faculty Tour of Alden Research Labs
4:00 p.m. — Field Hockey vs. Wheaton
4:15 p.m. — Faculty Meeting at Alden Research Labs
6:00 p.m. — Volleyball vs. Framingham State
6:00 p.m. — Effective Job Interviewing Workshop, (changed to) Kinnicutt Hall, Salisbury 115

Saturday, October 13

10:00 a.m. — Field Hockey vs. MIT
1:00 p.m. — Cross Country vs. Coast Guard

Sunday, October 14

11:00 a.m. — Sunday Mass, Alden Hall

Tuesday, October 16

LAST DAY OF A-TERM CLASSES

Wednesday, October 17

4:00 p.m. — Soccer vs. Brandeis

Friday, October 19

8:00 p.m. — Dance Daze, Alumni Gym, \$2.50

Saturday, October 20

11:30 a.m. — Soccer vs. Clark
12:00 p.m. — Cross Country vs. Trinity
1:30 p.m. — Football vs. Bates

Wednesday, October 24

4:00 p.m. — Soccer; vs. Bowdoin

Friday, October 26

8:00 p.m. — Dance Daze, Alumni Gym, \$2.50

Saturday, October 27

1:00 p.m. — Cross Country vs. Tufts

Sunday, October 28


6:30 p.m. and 9:30 p.m. — Creepshow, Alden Hall, \$1.00

Monday, October 29

B-TERM CLASSES BEGIN
8:00 p.m. — B-Term Mixer, Maurice and the Lonely Boys, Alden Hall, \$1.00

Wednesday, October 31 — Halloween

6:30 p.m. — Volleyball vs. Colby Sawyer/Regis



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